

ABSTRACT OF THE DISCLOSURE

A network device for controlling quality of service, which includes a first connection port, a second connection port, a third connection port, and a service quality control element. The first connection port receives first class signals. The second connection port receives
5 second class signals that require a higher service quality than the first class ones. The service quality control element receives the first class signals and the second class signals transmitted from the first connection port and the second connection port and let the second class signals pass first when both the first class signals and the second class signals arrive at the same time. The third connection port outputs the first class signals and the second class signals from the
10 network device with the service quality control. The invention also discloses a method for controlling quality of service.